NC/QC/YD-W-1/2018-19/SH-PCC1 Date: 18-03-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	68.15	0 -20	30- 70
10mm	29.60	0 -5	10- 35
4.75mm	4.05	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	98.10	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	85.60	60-95	75-100	85-100	
01.18	63.15	30-70	55-90	75-100	
600.mic	54.90	15-34	35-59	60-79	
300.mic	24.05	5-20	8-30	12-40	
150.mic	7.55	0-10	0-10	0-10	

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A.E.E

KIRAN. R
M.E, (CIVIL-ENG)

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-C2 Date: 22-03-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**155 min**	Shall not be less than 30 min
2	Final setting time	**270 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.96 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.13 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.85 N/Sq mm**	Shall not be less than 27 N/Sqmm

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For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH--FA1 Date: 26-03-2019

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

TABLE - 1.1 : SIEVE ANALYSIS

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	95.55	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	87.10	60-95	75-100	85-100	
01.18	64.95	30-70	55-90	75-100	
600. mic	46.25	15.34	35-59	60-79	
300.mic	20.80	5-20	8-30	12-40	
150.mic	6.45	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	18.65 %	-----
2	Silt Content	----	0.59 %	Not more than 8%
3	Specific Gravity	----	2.60	-------

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For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-CA1 Date: 26-03-2019

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100.00	100.00
20 mm	98.30	85-100	90 - 100
10 mm	35.10	0 - 20	25 - 55
4.75 mm	8.05	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	22.93%	Not to exceed 25 %
2.	Crushing value	25.75 %	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

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A.E.E

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-CB2 Date: 12-04-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-04-19	12-04-19	07	22500	385	17.11	16.74
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	375	16.67	

KIRAN. R
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For Newzen Consultants Bangalore

NC/QC/YD-W-1/2018-19/SH-CB2A Date: 03-05-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-04-19	03-05-19	28	22500	505	22.44	22.74
	002	"	"	"	"	520	23.11	
	003	"	"	"	"	510	22.67	

KIRAN. R
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For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-PCC3 Date: 08-04-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	58.60	0 -20	30- 70
10mm	35.05	0 -5	10- 35
4.75mm	3.75	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.30	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	85.45	60-95	75-100	85-100	
01.18	68.05	30-70	55-90	75-100	
600.mic	45.60	15-34	35-59	60-79	
300.mic	18.25	5-20	8-30	12-40	
150.mic	7.10	0-10	0-10	0-10	

KIRAN. R
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A.E.E

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-C5

Date: 11-04-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19.

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	162 min	Shall not be less than 30 min
2	Final setting time	275 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.84 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	1.96 mm	Shall not be more than 10 mm
5	Compressive strength c) 3 days (average of three results)	28.82 N/Sq mm	Shall not be less than 27 N/Sqmm

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For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-C6 Date: 15-04-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	164 min	Shall not be less than 30 min
2	Final setting time	275 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.89 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	1.95mm	Shall not be more than 10 mm
5	Compressive strength d) 3 days (average of three results)	28.45N/Sq mm	Shall not be less than 27 N/Sqmm

KIRAN. R
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For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-C7 Date: 18-04-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	168min	Shall not be less than 30 min
2	Final setting time	2675 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.91 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.05 mm	Shall not be more than 10 mm
5	Compressive strength e) 3 days (average of three results)	28.35N/Sq mm	Shall not be less than 27 N/Sqmm

KIRAN. R
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For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD-W-1/2018-19/SH-PCC7 **Date: 20-04-2019**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	58.30	0 -20	30- 70
10mm	32.05	0 -5	10- 35
4.75mm	4.05	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	98.60	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	85.30	60-95	75-100	85-100	
01.18	65.15	30-70	55-90	75-100	
600.mic	45.90	15-34	35-59	60-79	
300.mic	18.05	5-20	8-30	12-40	
150.mic	7.15	0-10	0-10	0-10	

KIRAN. R
M.E, (Civil-Engg)
For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD-W-1/2018-19/SH-CB7 **Date: 02-05-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-04-19	02-05-19	07	22500	515	22.89	**22.81**
	002	"	"	"	"	505	22.44	
	003	"	"	"	"	520	23.11	

KIRAN. R
M.E, (Civil-Engg)

A.E.E

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD-W-1/2018-19/SH-CB8 **Date: 02-05-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-04-19	02-05-19	07	22500	530	23.56	**23.48**
	002	"	"	"	"	520	23.11	
	003	"	"	"	"	535	23.78	

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KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-CB11 Date: 06-05-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	29-04-19	06-05-19	07	22500	530	23.56	**23.26**
	002	"	"	"	"	515	22.89	
	003	"	"	"	"	525	23.33	

KIRAN. R
M.E, (Civil-Engg)

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For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-CB4A

Date: 20-05-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	22-04-19	20-05-19	28	22500	725	32.22	**32.30**
	002	"	"	"	"	720	32.00	
	003	"	"	"	"	735	32.67	

KIRAN. R
M.E, (Civil-Engg)

A.E.E

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD-W-1/2018-19/SH-CB5A **Date: 21-05-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-04-19	21-05-19	28	22500	715	31.78	**32.07**
	002	"	"	"	"	730	32.44	
	003	"	"	"	"	720	32.00	

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For Newzen Consultants Bangalore

Proprietor

NC/QC/YD-W-1/2018-19/SH-CB7A Date: 23-05-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-04-19	23-05-19	28	22500	730	32.44	32.59
	002	"	"	"	"	745	33.11	
	003	"	"	"	"	725	32.22	

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KIRAN. R
M.E. (Civil Engg)

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For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD-W-1/2018-19/SH-CB10A **Date: 25-05-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	27-04-19	25-05-19	28	22500	740	32.89	**32.44**
	002	"	"	"	"	730	32.44	
	003	"	"	"	"	720	32.00	

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Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD-W-1/2018-19/SH-CB11A **Date: 27-05-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements to main roads and cross roads at 1st main Shivanahalli and surrounding areas in Kempegowda ward no-01 and Improvements to main roads and cross roads at 2nd main Shivanahalli and surrounding areas in Kempegowda ward no-01 (Package-01).}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. N. Jagadhish.

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1	001	29-04-19	27-05-19	28	22500	730	32.44	32.15
	002	"	"	"	"	725	32.22	
	003	"	"	"	"	715	31.78	

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1	001	29-04-19	27-05-19	28	22500	730	32.44	**32.37**
	002	"	"	"	"	740	32.89	
	003	"	"	"	"	715	31.78	

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